INTERNAL WORKING DOCUMENT No.87:11

SILVICULTURE STATISTICS
CROWN LANDS
(LICENSEE SUMMARIES)
1986-87

Natural Resources and Energy / Ressources naturelles et Énergie

Department of Natural Resources and Energy
Timber Management Branch

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TABLE I-1 - PLANTING

LOCATION	TYPE+	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION*	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Charlo River	PP	85.10	342	29 104	JP	B & C	2 016	172 000	101 0019 86BP
North Charlo	PP	133.00	342	45 486	bS	B & C	2 220	295 000	101 0022 86BP
North Charlo	PP	23.40	342	8 003	L	C & H Plow	2 000	47 000	101 0024 86BP
North Charlo	PP	78.30	342	26 779	bS	C & H Plow	2 100	164 000	101 0024 86BP
Popelogan	PP	19.60	342	6 703	rP	B & C	2 292	45 000	101 0037 86BP
Popelogan	PP	17.90	342	6 122	bS	B & C	2 144	38 000	101 0037 86BP
Popelogan	PP	5.80	342	1 984	bS	B & C	2 121	12 000	101 0037 86BP
Popelogan	PP	33.90	342	11 594	bS	B & C	2 111	72 000	101 0049 86BP
Akroyd	PP	102.90	309	31 831	bS	B & C	1 750	180 000	101 0052 86BP
Meadow Brook	PP	21.40	342	7 319	bS	B & C	2 350	50 000	101 0085 86BP
Meadow Brook	PP	90.30	342	30 883	bS	B & C	2 279	206 000	101 0086 86BP
Tetagouche	PP	39.00	342	13 338	bS	C & H Plow	2 167	85 000	101 0113 86BP
Tetagouche	PP	19.30	342	6 601	bS	C & H Plow	2 219	43 000	101 0116 86BP
Murray Brook	PP	89.10	336	29 955	bS	B & C	1 962	175 000	101 0121 86BP
Tetagouche	PP	25.80	342	8 824	bS	C & H Plow	2 250	58 000	101 0124 86BP
McNair Brook	PP	30.00	338	10 137	bS	B & C	1 975	59 000	101 0309 86BP
North Charlo	PP	85.10	335	28 507	bS	B & C	2 569	219 000	101 0310 86BP
Benjamin River	PP	42.40	342	14 501	bS	B & C	2 080	88 000	101 0314 86BP
Tetagouche	PP	83.90	342	28 694	bS	C & H Plow	2 066	173 000	101 0421 86BP
Murray Brook	PP	26.50	332	8 791	bS	B & C	2 583	68 000	101 0500 86BP
Cook Savoie	PP	36.20	342	12 380	bS	C & H Plow	2 188	79 000	101 0535 86BP
Ramsay Brook	PP	44.00	323	14 190	bS	B & C	1 854	82 000	101 0559 86BP
Berry Brook	PP	25.10	342	8 584	bS	B & C	2 290	57 000	101 0703 86BP
Berry Brook	PP	119.20	342	40 766	bS	B & C	2 225	265 000	101 0704 86BP
Berry Brook	PP	69.60	342	23 803	bS	B & C	2 221	154 000	101 0706 86BP
Berry Brook	PP	57.30	342	19 597	bS	B & C	2 104	121 000	101 0714 86BP
Berry Brook	PP	21.40	333	7 129	bS	B & C	1 937	41 000	101 0715 86BP
Berry Brook	PP	21.00	342	7 182	JP	B & C	2 265	48 000	101 0715 86BP

LICENSE - UPSALQUITCH

TABLE I-1 - PLANTING (Continued)

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION*	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Berry Brook	PP	4.7	342	1 607	bS	B & C	2 265	11 000	101 0715 868P
Berry Brook	PP	50.00	342	17 100	bS	B & C	2 033	102 000	101 0716 868P
Berry Brook	PP	38.00	342	12 996	JP	B & C	2 055	78 000	101 0718 868P
Berry Brook	BR	69.40	362	25 123	wS	B & C	2 055	143 000	101 0718 868P
Popelogan	PP	41.60	342	14 227	bS	C & H Plow	2 276	95 000	101 0734 868P
SUMMARY		1 650.20	$339	$559 840			2 136	3 525 000	

+ PP - Paper Pot
BR - Bare Root

* B&C- Barrels and Chains

LICENSE - UPSALQUITCH

TABLE I-2 - PRE-COMMERCIAL THINNING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
McCormack Lake	Pre-Commercial	18.40	656	12 070	101 0571 86BT
SUMMARY		18.40	$656	$12 070	

TABLE I-3 - HERBICIDING

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Black Lake	Plantation Tending	24	135	3 240	Roundup	4.2	101 0032 86BH
Black Lake	Plantation Tending	32	135	4 320	Roundup	4.2	101 0040 86BH
Norton Gulch	Plantation Tending	122	129	15 738	Roundup	4.2	101 0054 86BH
Black Lake	Plantation Tending	57	135	7 690	Roundup	4.2	101 0064 86BH
Meadow Brook	Plantation Tending	13	150	1 950	Roundup	4.2	101 0068 86BH
Meadow Brook	Plantation Tending	24	150	3 600	Roundup	4.2	101 0069 86BH
Meadow Brook	Plantation Tending	13	150	1 950	Roundup	4.2	101 0071 86BH
9-Mile Brook	Plantation Tending	132	114	15 048	Roundup	4.2	101 1081 86BH
Black Lake	Plantation Tending	53	135	7 155	Roundup	4.2	101 1116 86BH
Little Popelogan Brook	Plantation Tending	30	126	3 780	Roundup	4.2	101 1124 86BH
Arseneault Bk.	Plantation Tending	112	129	14 448	Roundup	4.2	101 1125 86BH
SUMMARY		612	$129	$78 919			

LICENSE - UPSALQUITCH

TABLE I-4 - CONE COLLECTION

LOCATION	SPECIES	VOLUME OF CONES (Litres)	COST PER LITRE	TOTAL COST	SILVICULTURE TREATMENT NUMBER
Restigouche	bF	3 200	0.54	1 728	101 0127 86SC
Jacquet River	bS	418	2.42	1 012	101 0410 86SC
Cook Savoie	bF)				101 0545 86SC
Cook Savoie	bF)	5 018	0.54	2 710	101 0548 86SC
SUMMARY		8 636	$0.63	$5 450	

LICENSE - NEPISIGUIT

TABLE 11-1 - PLANTING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION*	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Middle River	PP	24.00	327	7 848	nS	C & H Plow	2 206	53 000	102 0015 86BP
Middle River	PP	11.00	213	2 343	bS	C & H Plow/W.F.	2 375	26 000	102 0015 86BP
Currie Brook	PP	24.00	327	7 848	bS	bracke mounder	2 206	53 000	102 0039 86BP
Currie Brook	PP	16.00	324	5 180	L	bracke mounder	1 981	32 000	102 0039 86BP
Lucky Lake	PP	47.00	327	15 369	bS	C & H Plow	2 290	108 000	102 0046 86BP
Rd. to Resources	PP	3.00	327	981	JP	C & H Plow	2 021	6 000	102 0067 86BP
Rd. to Resources	PP	21.00	327	6 867	rP	C & H Plow	2 125	45 000	102 0067 86BP
SUMMARY		146.00	$318	$46 436			2 212	323 000	

* W.F. - Wild Fire

LICENSE - NEPISIGUIT

TABLE II-2 - HERBICIDING

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Moose Brook	Plantation Tending	78	129	10 062	Roundup	4.2	102 0001 86BH
Rd. to Resources	Plantation Tending	84	129	10 836	Roundup	4.2	102 0005 86BH
Caribou Road	Plantation Tending	103	135	13 905	Roundup	4.2	102 0044 86BH
Caribou Road	Plantation Tending	66	132	8 712	Roundup	4.2	102 0230 86BH
S.Br.Forty Mile Bk	Plantation Tending	44	133	5 852	Roundup	4.2	102 0235 86BH
Caribou Road	Plantation Tending	89	132	11 748	Roundup	4.2	102 0253 86BH
Caribou Road	Plantation Tending	102	132	13 464	Roundup	4.2	102 0254 86BH
Rd. to Resources	Plantation Tending	108	133	14 364	Roundup	4.2	102 0256 86BH
Moose Brook	Plantation Tending	53	129	6 837	Roundup	4.2	102 0258 86BH
Caribou Road	Plantation Tending	112	135	15 120	Roundup	4.2	102 0259 86BH
Rd. to Resources	Plantation Tending	62	133	8 246	Roundup	4.2	102 0260 86BH
Brunswick Mines Loop	Plantation Tending	39	133	5 187	Roundup	4.2	102 0279 86BH
Moose Brook	Plantation Tending	258	129	33 282	Roundup	4.2	102 7624 86BH
Taylor Brook	Plantation Tending	101	139	14 039	Roundup	4.2	102 9585 86BH
Forty Mile Brook	Plantation Tending	26	160	4 160	Roundup	4.2	102 9656 86BH
Brunswick Mines Loop	Plantation Tending	13	133	1 729	Roundup	4.2	102 9684 86BH
Arseneau Road	Plantation Tending	26	140	3 640	Roundup	4.2	102 9711 86BH
SUMMARY		1 364	$133	$181 183			

LICENSE - NEPISIGUIT

TABLE II-3 - CONE COLLECTION

LOCATION	SPECIES	VOLUME OF CONES (Litres)	COST PER LITRE	TOTAL COST	SILVICULTURE TREATMENT NUMBER
Restigouche	bF	9 200	0.54	4 968	102 0045 86SC
C.B.I.	bS	73	2.42	177	102 0367 86SC
Taylor Bk. Reserve Stand	bS	9 891	2.42	23 936	102 9682 86SC
SUMMARY		19 164	$1.52	$29 081	

LICENSE - LOWER MIRAMICHI

TABLE III-1 - PLANTING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Pisiquit Brook	PP	103.00	312	32 136	JP	C & H Plow '85	1 875	193 000	103 0055 86BP
Pisiquit Brook	PP	11.00	304	3 340	JP	C & H Plow '85	1 683	19 000	103 0055 86BP
Blueberry Road	BR	68.70	316	21 687	JP	C & H Plow '85	1 750	120 000	103 0198 86BP
*S. Tracadie River	PP	254.00	280	-	bS,nS, rP,JP,L	Wild Fire/C & H Plow	2 072	526 000	103 0035 86BP
*S. Tracadie River	PP	45.00	280	-	bS,L	Wild Fire	2 072	93 000	103 0035 86BP
*N. Tracadie River	PP	172.00	280	-	wS,bS,nS	Wild Fire/C & H Plow	2 072	356 000	103 0658 86BP
Fraser Road	PP	67.00	328	21 976	bS	C & H Plow '85	2 182	146 000	203 0012 86BP
Salmon Brook	PP	18.30	328	6 002	JP,bS	C & H Plow '85	2 077	38 000	203 0016 86BP
Semiwagon Ridge	PP	44.30	328	14 530	bS,L	Bracke Mounder '85	2 169	96 000	203 0022 86BP
Semiwagon Ridge	PP	2.20	328	722	bS	Bracke Mounder '85	3 000	7 000	203 0023 86BP
Semiwagon Ridge	PP	13.70	328	4 494	bS	Bracke Mounder '85	2 550	35 000	203 0024 86BP
Fraser-Burchill Rd.	PP	59.00	328	19 352	JP	C & H Plow '85	2 097	124 000	203 0026 86BP
Semiwagon Ridge	PP	6.60	328	2 165	bS	Bracke Mounder '85	2 438	16 000	203 0043 86BP
Semiwagon Ridge	PP	27.60	328	9 053	bS	Bracke Mounder '85	2 330	64 000	203 0044 86BP
Kenny Portage	BR	86.00	349	30 014	JP	C & H Plow '85	2 323	200 000	203 0057 86BP
Kenny Portage	PP	12.00	328	3 936	JP	C & H Plow '85	2 187	26 000	203 0057 86BP
Fraser-Burchill Rd.	PP	17.10	328	5 609	JP	Slash Removal '85	2 489	43 000	203 0082 86BP
Fraser-Burchill Rd.	PP	6.90	328	2 263	JP	Slash Removal '85	2 250	16 000	203 0084 86BP
N.Br. Big Sevogle R.	PP	36.70	328	12 038	JP,rP	C & H Plow '85	2 162	79 000	203 0086 86BP
Black Brook	PP	14.30	328	4 690	L	Bracke Mounder '85	2 134	31 000	203 0114 86BP
Cold Brook	PP	26.00	328	8 528	JP	C & H Plow '85	2 235	58 000	203 0130 86BP
Fraser-Burchill Rd.	PP	83.20	328	27 290	bS	C & H Plow '85	2 142	178 000	203 0172 86BP
Fraser-Burchill Rd.	PP	54.50	324	17 657	bS	C & H Plow '85	1 975	108 000	203 0180 86BP
Black Brook	PP	8.40	328	2 755	bS,L	Bracke Mounder	2 096	18 000	203 0339 86BP
Black Brook	PP	3.80	328	1 246	bS	Bracke Mounder	2 001	8 000	203 0341 86BP
SUMMARY		1 241.30	$327	$251 483			2 093	2 598 000	

* Area planted by D.N.R.E. costs not included in Summary Totals

LICENSE - LOWER MIRAMICHI

TABLE III-2 PRE-COMMERICAL THINNING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
Fraser Road	Pre-Commercial	28.50	288	8 208	203 0150 86BT
S. Sevogle R.	Pre-Commercial	27.40	375	10 275	203 0623 86BT
S. Sevogle R.	Pre-Commercial	29.20	500	14 600	203 0623 86BT
S. Sevogle R.	Pre-Commercial	20.40	375	7 650	203 0623 86BT
Ryan Brook	Pre-Commercial	11.40	220	2 508	203 0631 86BT
Salmon Brook	Pre-Commercial	15.90	220	3 498	203 0632 86BT
Lower Barnaby	Pre-Commercial	39.50	288	11 376	203 0633 86BT
Mullin Stream Rd.	Pre-Commercial	50.30	375	18 862	203 0638 86BT
Mullin Stream Rd.	Pre-Commercial	12.10	288	3 485	203 0638 86BT
Salmon Brook	Pre-Commercial	19.00	220	4 180	203 0639 86BT
SUMMARY		253.70	$334	$84 642	

TABLE III-3 - HERBICIDING

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Middle Brook	Plantation Tending	12	133	1 596	Roundup	4.2	103 0313 86BH
Blackville Fire Tower	Plantation Tending	66	149	9 834	Roundup	4.2	203 0060 86BH
Stoney Brook	Plantation Tending	75	146	10 950	Roundup	4.2	203 0315 86BH
Stoney Brook	Plantation Tending	44	146	6 424	Roundup	4.2	203 0316 86BH
Stoney Brook	Plantation Tending	30	146	4 380	Roundup	4.2	203 0317 86BH
Stoney Brook	Plantation Tending	15	146	2 190	Roundup	4.2	203 0318 86BH
Stoney Brook	Plantation Tending	73	146	10 658	Roundup	4.2	203 0319 86BH
Six Mile Brook	Plantation Tending	14	141	1 974	Roundup	4.2	203 0327 86BH
Salmon Brook	Plantation Tending	45	186	8 370	Roundup	4.2	203 0348 86BH
E.Br. Sabbies R.	Plantation Tending	81	149	12 069	Roundup	4.2	203 0349 86BH
Six Mile Brook	Plantation Tending	19	141	2 679	Roundup	4.2	203 0351 86BH
W.Br. Six Mile Bk.	Plantation Tending	75	137	10 275	Roundup	4.2	203 0378 86BH
W.Br. Six Mile Bk.	Plantation Tending	65	137	8 905	Roundup	4.2	203 0614 86BH
W.Br. Six Mile Bk.	Plantation Tending	181	137	24 797	Roundup	4.2	203 0615 86BH
SUMMARY		795	$145	$115 101			

LICENSE - LOWER MIRAMICHI

TABLE III-4 - CONE COLLECTION

LOCATION	SPECIES	VOLUME OF CONES (Litres)	COST PER LITRE	TOTAL COST	SILVICULTURE TREATMENT NUMBER
Muzroll Brook	wP)	9 709	0.32	3 152	(203 0002 86SC (203 0038 86SC
Muzroll Brook	wP)				
Six Mile Bk. Reserve Stand	bS	1 309	2.11	2 766	203 0467 86SC
Sabbies Reserve Stand	bS	873	3.39	2 959	203 0468 86SC
SUMMARY		11 891	$0.75	$8 877	

LICENSE - UPPER MIRAMICHI

TABLE IV-1 - PLANTING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Mullin Stream	PP	1.10	328	361	JP	C & H Plow	2 250	2 000	204 0018 868P
Barracks Bk.	PP	1.90	328	623	bS	Root Rake-Burn	2 090	4 000	204 0021 868P
Barracks Bk.	PP	25.60	328	8 397	bS	Root Rake-C & H Plow	2 369	61 000	204 0023 868P
Moran Lake	PP	139.00	213	29 609	bS	Wildfire	2 114	294 000	204 0027 868P
Portage River	BR	36.60	349	12 773	JP	C & H Plow	2 220	81 000	204 0049 868P
Portage River	BR	78.20	349	27 292	wS	C & H Plow	2 220	174 000	204 0049 868P
Portage River	PP	37.40	328	12 267	JP	C & H Plow	2 220	83 000	204 0049 868P
Green Bk.	PP,BR	62.00	328	20 336	rP,JP,L	No Site Prep.	2 090	130 000	204 0057 868P
Heath Steele Mines	PP	37.20	328	12 202	bS	C & H Plow	2 120	79 000	204 0061 868P
Slacks Lake	BR	28.10	349	9 807	JP	C & H Plow	2 178	61 000	204 0078 868P
Slacks Lake	PP	200.00	328	65 600	bS,L,JP	C & H Plow	2 178	436 000	204 0078 868P
Slacks Lake	PP	17.50	328	5 740	bS,rP	Root Rake-C & H Plow	2 067	36 000	204 0100 868P
Bayles Lake	PP	14.80	328	4 854	JP	Root Rake-Finnish Plow	2 080	31 000	204 0116 868P
South Br. Sevogle	PP	34.60	328	11 349	JP	C & H Plow	2 090	72 000	204 0196 868P
Bayles Lake	PP	13.80	328	4 526	bS	Finnish Plow	2 300	32 000	204 0245 868P
Clearwater Lake	PP	19.60	323	6 329	bS	C & H Plow	1 966	39 000	204 0251 868P
Bear Lake	PP	36.40	328	11 939	JP,bS	C & H Plow	2 066	75 000	204 0252 868P
Mullin Stream	PP	49.90	328	16 367	JP	Root Rake-Finnish Plow	2 069	103 000	204 0253 868P
Campbell Brook	PP	99.80	328	32 734	JP,bS	C & H Plow	2 181	218 000	204 0292 868P
Little River	PP	144.20	328	47 298	JP	Burn '81	2 170	313 000	204 0508 868P
Mullin Stream	PP	2.00	328	656	bS	C & H Plow	2 500	5 000	204 0517 868P
South Br. Sevogle	PP	17.60	302	5 304	bS	C & H Plow	2 733	48 000	204 0563 868P
O'Keefe Road	PP	369.50	411	151 864	JP,bS	Wildfire-Marden Roller	2 076	767 000	204 0565 868P
Tomogonops	PP	97.60	328	32 013	JP	Control Burn	2 047	200 000	204 0619 868P
SUMMARY		1 564.40	$339	$530 240			2 137	3 344 000	

LICENSE - UPPER MIRAMICHI

TABLE IV-2 PRE-COMMERICAL THINNING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
Adams Brook	Pre-Commercial	62.70	500	31 350	104 0612 86BT
Johnston Bk.	Pre-Commercial	5.60	375	2 100	204 0512 86BT
Johnston Bk.	Pre-Commercial	32.00	500	16 000	204 0512 86BT
Bartibog	Pre-Commercial	7.50	220	1 650	204 0520 86BT
Bartibog	Pre-Commercial	19.80	375	7 425	204 0520 86BT
Mullin Str. Lk.	Pre-Commercial	56.90	375	21 338	204 0526 86BT
Campbell Bk.	Pre-Commercial	158.50	100	15 850	204 0529 86BT
Campbell Bk.	Pre-Commercial	125.30	375	46 988	204 0529 86BT
Campbell Bk.	Pre-Commercial	1.30	288	374	204 0529 86BT
Campbell Bk.	Pre-Commercial	20.00	288	5 760	204 0529 86BT
Campbell Bk.	Pre-Commercial	8.70	220	1 914	204 0529 86BT
Campbell Bk.	Pre-Commercial	24.00	100	2 400	204 0529 86BT
Campbell Bk.	Pre-Commercial	3.50	220	770	204 0529 86BT
Green Brook	Pre-Commercial	83.90	100	8 390	204 0532 86BT
McCormack Lake	Pre-Commercial	12.10	656	7 938	204 0557 86BT
McCormack Lake	Pre-Commercial	22.40	375	8 400	204 0557 86BT
McCormack Lake	Pre-Commercial	24.70	656	16 203	204 0557 86BT
McCormack Lake	Pre-Commercial	4.50	375	1 688	204 0557 86BT
McCormack Lake	Pre-Commercial	28.00	375	10 500	204 0557 86BT
McCormack Lake	Pre-Commercial	25.60	500	12 800	204 0557 86BT
Bear Lakes	Pre-Commercial	108.00	375	40 500	204 0569 86BT
Porcupine Bk.	Pre-Commercial	22.00	288	6 336	204 0571 86BT
Porcupine Bk.	Pre-Commercial	160.10	288	46 109	204 0571 86BT
Porcupine Bk.	Pre-Commercial	41.50	288	11 952	204 0571 86BT
Porcupine Bk.	Pre-Commercial	53.50	100	5 350	204 0571 86BT
Bartibog	Pre-Commercial	88.10	100	8 810	204 0572 86BT
Bartibog	Pre-Commercial	9.70	100	970	204 0572 86BT
Bartibog	Pre-Commercial	59.30	100	5 930	204 0572 86BT
Bartibog	Pre-Commercial	16.50	100	1 650	204 0572 86BT
Portage River	Pre-Commercial	25.40	100	2 540	204 0573 86BT
Renous Airstrip	Pre-Commercial	12.40	656	8 134	204 0574 86BT
Renous Airstrip	Pre-Commercial	11.80	100	1 180	204 0574 86BT

LICENSE - UPPER MIRAMICHI

TABLE IV-2 PRE-COMMERICAL THINNING (Continued)

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
Renous Airstrip	Pre-Commercial	41.80	375	15 675	204 0574 86BT
Renous Airstrip	Pre-Commercial	61.20	375	22 950	204 0574 86BT
Libby's Brook	Pre-Commercial	65.00	288	18 720	204 0575 86BT
Libby's Rock	Pre-Commercial	41.50	288	11 952	204 0576 86BT
Goodfellow Bk.	Pre-Commercial	25.60	100	2 560	204 0579 86BT
Goodfellow Bk.	Pre-Commercial	36.10	100	3 610	204 0579 86BT
Goodfellow Bk.	Pre-Commercial	14.00	220	3 080	204 0579 86BT
Goodfellow Bk.	Pre-Commercial	30.90	220	6 798	204 0579 86BT
Goodfellow Bk.	Pre-Commercial	12.70	100	1 270	204 0579 86BT
Goodfellow Bk.	Pre-Commercial	22.30	100	2 230	204 0579 86BT
Goodfellow Bk.	Pre-Commercial	40.50	220	8 910	204 0579 86BT
Youngs Brook	Pre-Commercial	38.90	100	3 890	204 0580 86BT
Youngs Brook	Pre-Commercial	14.50	220	3 190	204 0580 86BT
Youngs Brook	Pre-Commercial	23.50	220	5 170	204 0580 86BT
Youngs Brook	Pre-Commercial	5.30	220	1 166	204 0580 86BT
Youngs Brook	Pre-Commercial	37.00	220	8 140	204 0580 86BT
Youngs Brook	Pre-Commercial	14.40	100	1 440	204 0580 86BT
Youngs Brook	Pre-Commercial	30.60	100	3 060	204 0580 86BT
Youngs Brook	Pre-Commercial	4.50	220	990	204 0580 86BT
Youngs Brook	Pre-Commercial	59.40	220	13 068	204 0580 86BT
Mullin Str. Lk.	Pre-Commercial	75.50	500	37 750	204 0591 86BT
Little S.W. Miram.	Pre-Commercial	30.00	288	8 640	204 0620 86BT
Little S.W. Miram.	Pre-Commercial	8.80	288	2 534	204 0620 86BT
Little S.W. Miram.	Pre-Commercial	51.00	220	11 220	204 0620 86BT
Little S.W. Miram.	Pre-Commercial	17.90	100	1 790	204 0620 86BT
Mullin Stream	Pre-Commercial	45.00	500	22 500	204 0621 86BT
SUMMARY		2 183.20	$266	$581 602	

LICENSE - UPPER MIRAMICHI

TABLE IV-3 - HERBICIDING

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
West Br. S. Nepisiguit R.	Plantation Tending	145	141	20 445	Roundup	4.2	104 0510 86BH
Sixty-Nine Mile Bk	Plantation Tending	90	131	11 790	Roundup	4.2	104 0547 86BH
West Br. S. Nepisiguit R.	Plantation Tending	22	141	3 102	Roundup	4.2	104 0548 86BH
N. Little R. Lk.	Plantation Tending	39	115	4 485	Roundup	4.2	204 0012 86BH
N. Little R. Lk.	Plantation Tending	166	115	19 090	Roundup	4.2	204 0013 86BH
N.Br.Tomoganops R.	Plantation Tending	11	134	1 474	Roundup	4.2	204 0016 86BH
N.Br.Tomoganops R.	Plantation Tending	63	134	8 442	Roundup	4.2	204 0035 86BH
McKendrick Lake	Plantation Tending	40	137	5 480	Roundup	4.2	204 0502 86BH
N.Br.Tomoganops R.	Plantation Tending	252	134	33 768	Roundup	4.2	204 0506 86BH
Barracks Brook	Plantation Tending	151	124	18 724	Roundup	4.2	204 0516 86BH
Barracks Brook	Plantation Tending	336	124	41 664	Roundup	4.2	204 0517 86BH
Little N. Br. Big Sevogle R.	Plantation Tending	81	134	10 854	Roundup	4.2	204 0540 86BH
N.Br.Tomoganops R.	Plantation Tending	184	134	24 656	Roundup	4.2	204 0541 86BH
Little N. Br. Big Sevogle R.	Plantation Tending	40	134	5 360	Roundup	4.2	204 0559 86BH
SUMMARY		1 620	$129	$209 334			

LICENSE - KENT

TABLE V-1 - PLANTING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Hell's Gate Lake	PP	4.20	328	1 378	bS	C & H Plow	2 250	9 000	205 0033 868P
St. Ignace	PP	18.50	328	6 068	JP	C & H Plow	2 140	40 000	205 0036 868P
Bass River	PP	32.30	328	10 594	rP,L	C & H Plow	2 128	69 000	205 0044 868P
Hell's Gate Lake	PP	54.00	328	17 712	bS	C & H Plow	2 129	115 000	205 0046 868P
Hell's Gate Lake	PP	21.70	328	7 118	JP	C & H Plow	2 265	49 000	205 0047 868P
SUMMARY		130.70	$328	$42 870			2 158	282 000	

LICENSE - KENT

TABLE V-2 PRE-COMMERICAL THINNING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
Molus River	Pre-Commercial	33.10	220	7 282	205 0210 86BT
St. Joseph	Pre-Commercial	3.50	288	1 008	205 0220 86BT
St. Joseph	Pre-Commercial	14.00	220	3 080	205 0223 86BT
St. Joseph	Pre-Commercial	95.60	220	21 032	205 0224 86BT
Kent Lake	Pre-Commercial	21.20	220	4 664	205 0225 86BT
SUMMARY		167.40	$221	$37 066	

LICENSE - QUEENS-CHARLOTTE

TABLE VI-1 - PLANTING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION*	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Burntland Brook	PP	129.10	358	46 137	bS	Anchor Chains '86	1 983	256 000	206 0316 86BP
Porter Cove	PP	57.80	361	20 866	JP	Anchor Chains '86	2 085	121 000	206 1065 86BP
Porter Cove	BR	20.10	381	7 658	wS	Anchor Chains '86	2 156	43 000	206 1065 86BP
Porter Cove	PP	20.50	361	7 400	rP	Anchor Chains '86	2 115	43 000	206 1065 86BP
Porter Cove	PP	18.10	361	6 534	bS	Anchor Chains '86	2 208	40 000	206 1065 86BP
Hickey Brook	PP	28.00	361	10 108	bS	Anchor Chains '86	2 076	58 000	206 1066 86BP
Hickey Brook	PP	82.00	361	29 602	JP	Anchor Chains '86	2 100	172 000	206 1066 86NP
Hickey Brook	PP	25.00	361	9 025	bS	Anchor Chains '86	2 050	51 000	206 1066 86BP
Porter Cove	PP	101.60	361	36 678	JP	Anchor Chains '86	2 155	219 000	206 1067 86BP
McAllister Brook	PP	10.00	361	3 610	JP	Anchor Chains '86	2 194	22 000	306 0013 86BP
McAllister Brook	PP	3.00	361	1 083	rP	Anchor Chains '86	2 194	7 000	306 0013 86BP
Sinclair Brook	PP	2.00	361	722	JP	Cleared '86	2 025	4 000	306 0042 86BP
Sinclair Brook	PP	14.60	361	5 271	bS	Cleared '86	2 025	30 000	306 0042 86BP
McKinney Brook	PP	2.00	361	722	JP	Marden Roller '84	2 100	4 000	306 0043 86BP**
E. Little Forks	PP	8.00	361	2 888	JP	Anchor Chains '86	2 100	17 000	306 0102 86BP
E. Little Forks	PP	16.80	361	6 065	rP	Anchor Chains '86	2 100	35 000	306 0102 86BP
E. Little Forks	PP	4.90	361	1 769	bS	Anchor Chains '86	2 100	10 000	306 0102 86BP
Hazen Jam	PP	4.90	361	1 769	bS	Chains '85	2 250	11 000	306 0104 86BP**
Hazen Jam	BR	6.10	381	2 324	JP	Chains '85	2 208	13 000	306 0104 86BP**
Hazen Jam	PP	33.30	361	12 021	JP	Bracke '86	2 250	75 000	306 0104 86BP
Stoney Brook	PP	76.20	361	27 508	bS	Chains '86	2 130	162 000	306 0124 86BP
Salmon River	BR	13.70	381	5 220	JP	Bracke '86	2 400	33 000	306 0303 86BP
Salmon River	PP	77.20	361	27 869	bS	Bracke '86	2 400	185 000	306 0303 86BP
Nevers Brook	BR	14.30	381	5 448	JP	Chains '85	2 100	30 000	306 0360 86BP**
Coal Creek	PP	1.00	361	361	JP	Anchor Chains	2 100	2 000	306 0375 86BP**
N. Horton Bk.	PP	81.00	361	29 241	bS	Chains '86	2 162	175 000	306 0508 86BP
Big Forks Stream	BR	7.70	381	2 934	JP	Anchor Chains '85	2 050	16 000	306 0566 86BP**
Big Forks Stream	PP	2.40	361	866	bS	Anchor Chains '85	2 050	5 000	306 0566 86BP**
McCormack Lake	BR	42.30	381	16 116	wS	Anchor Chains '85	2 000	85 000	306 0593 86BP**

LICENSE - QUEENS-CHARLOTTE

TABLE VI-1 - PLANTING (Continued)

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION*	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
W.Br. Little Forks	PP	72.40	361	26 136	JP	Anchor Chains '86	2 021	146 000	306 0593 868P
West Little Forks	BR	36.20	381	13 792	wS	Anchor Chains '86	2 000	72 000	306 0595 868P
Chipman	PP	55.00	361	19 855	JP	Anchor Chains '86	2 100	116 000	306 0595 868P
Sling Dung Brook	PP	20.00	361	7 220	wS	Anchor Chains '86	2 150	43 000	306 0904 868P
Sling Dung Brook	PP	37.00	361	13 357	bS	Anchor Chains '86	2 150	80 000	306 0904 868P
Spring Brook	PP	24.80	361	8 953	bS	Chains '86	2 025	50 000	306 1064 868P
Big Forks Stream	PP	103.50	361	37 364	JP	Chains '86	2 065	214 000	306 1206 868P
Big Forks Stream	BR	90.00	373	33 570	JP	Chains '86	1 951	176 000	306 1243 868P
Big Forks	PP	27.60	361	9 964	bS	Chains '86	2 025	56 000	306 1246 868P
Big Forks	PP	39.00	361	14 079	JP	Chains '86	2 075	81 000	306 1246 868P
Salmon River	PP	79.40	361	28 663	JP	Chains '86	2 146	170 000	306 1296 868P
Salmon River	PP	14.00	361	5 054	bS	Chains '86	2 125	30 000	306 1327 868P
Salmon River	PP	32.00	361	11 552	JP	Chains '86	2 125	68 000	306 1327 868P
W. Coy Brook	PP	75.00	343	25 743	bS	Marden Rollers '86	1 875	141 000	306 1437 868P
Niles Brook	PP	4.30	361	1 552	bS	Anchor Chains/FT	2 030	9 000	406 0149 868P
Niles Brook	PP	75.00	361	27 075	JP	Anchor Chains/FT	2 030	152 000	406 0149 868P
S. Mt. Pleasant	PP	37.50	361	13 538	JP	Anchor Chains	2 020	76 000	406 0150 868P
Mistake Lake	BR	40.30	381	15 354	JP	Anchor Chains	2 058	83 000	406 0155 868P
N. Of Gundy Lake	BR	65.10	381	24 803	JP	Anchor Chains/FT	2 020	132 000	406 0156 868P
W. Of Gundy Lake	PP	8.30	361	2 996	tL	Anchor Chains	2 010	17 000	406 0158 868P
W. Of Gundy Lake	PP	60.70	361	21 913	bS	Anchor Chains	2 010	122 000	406 0158 868P
W. Of Gundy Lake	BR	4.70	381	1 791	JP	Anchor Chains	2 050	10 000	406 0158 868P
N. Of Mud Lake	BR	19.20	381	7 315	JP	Anchor Chains	2 147	41 000	406 0162 868P
S. Of S. Oromocto L.	PP	58.80	361	21 227	JP	Anchor Chains	2 041	120 000	406 0163 868P
Deadwater Brook	PP	26.60	361	9 603	bS	Anchor Chains	2 050	55 000	406 0164 868P
Rocky Lake	BR	8.10	381	3 086	JP	Anchor Chains	2 048	17 000	406 0334 868P
Rocky Lake	PP	9.80	361	3 538	bS	Anchor Chains	2 048	20 000	406 0334 868P
McCready Lake	PP	110.50	361	39 890	bS	Anchor Chains	2 040	225 000	406 0335 868P
McCready Lake	PP	6.70	361	2 419	L	Anchor Chains	2 040	14 000	406 0335 868P
N.E. Camp 84	PP	75.20	361	27 147	bS	Anchor Chains	2 060	155 000	406 0341 868P
N.E. Camp 84	PP	9.10	361	3 285	L	Anchor Chains	2 060	19 000	406 0341 868P
S. Shin Ck.	PP	1.30	361	469	bS	Anchor Chains	2 026	3 000	406 0347 868P

LICENSE - QUEENS-CHARLOTTE

TABLE VI-1 - PLANTING (Continued)

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION*	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
W. Shin Ck. Rd.	PP	28.40	361	10 252	bS	Anchor Chains	2 026	58 000	406 0347 86BP
E. of Oxbow Lake	PP	16.60	361	5 993	JP	Anchor Chains	2 055	34 000	406 0348 86BP
Piskahegan Stream	PP	34.40	361	12 418	bS	Anchor Chains	2 040	70 000	406 0535 86BP
McDougall Inlet	PP	20.20	361	7 292	bS	Anchor Chains	2 013	41 000	406 0538 86BP
McDougall Inlet	PP	18.60	361	6 715	bS	Anchor Chains	2 000	37 000	406 0547 86BP
S. Little R. Lk. Rd.	PP	93.50	361	33 754	bS	Anchor Chains	2 026	190 000	406 0739 86BP
N.E. Victoria Lake	PP	18.50	361	6 678	bS	Anchor Chains	2 030	38 000	406 0759 86BP
N. Cranberry Lake	PP	28.00	361	10 108	tL	Anchor Chains	2 040	57 000	406 1133 86BP
N. Cranberry Lake	PP	17.70	361	6 390	bS	Anchor Chains	2 040	36 000	406 1133 86BP
Flume Ridge	PP	48.40	361	17 472	bS	Anchor Chains	2 048	99 000	406 1145 86BP
Flume Ridge	PP	63.80	361	23 032	JP	Anchor Chains	2 048	131 000	406 1145 86BP
Mistake Lake	PP	4.90	361	1 769	L	Anchor Chains	2 040	10 000	406 1146 86BP
N.E. Coronary Lk.	PP	28.30	361	10 216	bS	Anchor Chains	2 013	57 000	406 1152 86BP
SUMMARY		2 651.90	$363	$962 207			2 072	5 495 000	

* FT - Full Tree Logged

** Planting occured on areas of burned strips at roadside

LICENSE - QUEENS-CHARLOTTE

TABLE VI-2 PRE-COMMERICAL THINNING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
Blue Rock	Pre-Commercial	44.70	375	16 762	206 9722 86BT
Priceville	Pre-Commercial	20.80	500	10 400	206 9723 86BT
Castaway	Pre-Commercial	12.50	656	8 200	206 9724 86BT
Otter Bk. Road	Pre-Commercial	27.80	288	8 006	206 9727 86BT
Muzroll Lake	Pre-Commercial	9.40	656	6 166	206 9731 86BT
Muzroll Lake	Pre-Commercial	20.20	288	5 818	206 9732 86BT
Muzroll Lake	Pre-Commercial	44.80	375	16 800	206 9733 86BT
Wildcat Road	Pre-Commercial	14.60	220	3 212	206 9734 86BT
Muzroll Lake	Pre-Commercial	25.50	288	7 344	206 9750 86BT
Muzroll Lake	Pre-Commercial	29.60	288	8 525	206 9751 86BT
Bear Brook	Pre-Commercial	53.10	656	34 834	306 9705 86BT
N. of Castaway Bk	Pre-Commercial	72.40	656	47 494	306 9706 86BT
Glen Branch	Pre-Commercial	44.10	375	16 538	306 9718 86BT
Glen Bk-McLeod Bk	Pre-Commercial	36.00	375	13 500	306 9719 86BT
Castaway	Pre-Commercial	46.00	656	30 176	306 9720 86BT
Glen Bk-McLeod Bk	Pre-Commercial	66.70	500	33 350	306 9721 86BT
Glen Bk-McLeod Bk	Pre-Commercial	25.90	375	9 712	306 9722 86BT
Castaway	Pre-Commercial	28.10	375	10 538	306 9723 86BT
Castaway	Pre-Commercial	28.60	656	18 762	306 9724 86BT
Bear Brook	Pre-Commercial	24.40	375	9 150	306 9735 86BT
Bear Brook	Pre-Commercial	15.50	656	10 168	306 9736 86BT
Bear Brook	Pre-Commercial	43.80	656	28 733	306 9738 86BT
Castaway	Pre-Commercial	99.60	656	65 338	306 9763 86BT
S. of Trout Bk Lk	Pre-Commercial	36.10	500	18 050	306 9766 86BT
Lepreau	Pre-Commercial	8.90	656	5 838	406 9712 86BT
Trout Brook Lk	Pre-Commercial	22.80	375	8 550	306 9769 86BT
Trout Brook Lk	Pre-Commercial	28.60	500	14 300	306 9769 86BT
SUMMARY		930.50	$501	$466 264	

LICENSE - QUEENS-CHARLOTTE

TABLE VI-3 - HERBICIDING

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Michigan Brook	Plantation Tending	86	164	14 104	Roundup	4.2	206 7998 86BH
Michigan Brook	Plantation Tending	38	164	6 232	Roundup	4.2	206 9995 86BH
Salmon River	Plantation Tending	140	134	18 760	Roundup	3.0	306 0050 86BH*
Salmon River	Plantation Tending	1 075	129	138 675	Roundup	4.2	306 0056 86BH
Salmon River	Plantation Tending	79	134	10 586	Roundup	3.0	306 0060 86BH*
Pettipas	Plantation Tending	282	134	37 788	Roundup	3.0	306 0117 86BH*
McLeod Brook	Plantation Tending	128	134	17 152	Roundup	3.0	306 0172 86BH*
Coy Brook	Plantation Tending	40	107	4 280	Roundup	4.2	306 0206 86BH
Coy Brook	Plantation Tending	62	107	6 634	Roundup	4.2	306 0207 86BH
Bronson	Plantation Tending	184	149	27 416	Roundup	4.2	306 0208 86BH
Coy Brook	Plantation Tending	50	107	5 350	Roundup	4.2	306 0210 86BH
Salmon River	Plantation Tending	142	134	19 028	Roundup	3.0	306 0360 86BH*
Bronson	Plantation Tending	288	149	42 912	Roundup	4.2	306 9988 86BH
Gundy Lake	Plantation Tending	88	141	12 408	Roundup	3.7	406 0009 86BH
Shin Creek Rd.	Plantation Tending	83	140	11 620	Roundup	3.7	406 0010 86BH
Gundy Lake	Plantation Tending	118	141	16 638	Roundup	3.7	406 0027 86BH
Victoria Lake	Plantation Tending	61	120	7 320	Roundup	3.7	406 0145 86BH
Shin Creek Rd.	Plantation Tending	92	140	12 880	Roundup	3.7	406 0151 86BH
Victoria Lake	Plantation Tending	117	120	14 040	Roundup	3.7	406 0166 86BH
Gundy Lake	Plantation Tending	36	141	5 076	Roundup	3.7	406 9920 86BH
West Long Lk.	Plantation Tending	50	152	7 600	Roundup	3.7	406 9935 86BH
Victoria Lake	Plantation Tending	65	120	7 800	Roundup	3.7	406 9938 86BH
Pleasant Ridge	Plantation Tending	59	149	8 791	Roundup	4.2	406 9939 86BH
Pocologan Lake	Plantation Tending	180	154	27 720	Roundup	4.2	406 9947 86BH
Deer Lake	Plantation Tending	195	141	27 495	Roundup	4.2	406 9951 86BH
Deer Lake	Plantation Tending	145	141	20 445	Roundup	4.2	406 9952 86BH
Deer Lake	Plantation Tending	69	141	9 729	Roundup	4.2	406 9953 86BH
Deer Lake	Plantation Tending	42	141	5 922	Roundup	4.2	406 9954 86BH
Victoria Lake	Plantation Tending	285	120	34 200	Roundup	3.7	406 9955 86BH
SUMMARY		4 279	$135.	$578 601			

* DNRE Using Spray Volume 37.4 Litres Per Hectare @ 4.2 and 3.7 L/Ha of Chemical
Irving Using Spray Volume 46.7 Litres Per Hectare @ 3.0 L/Ha of Chemical (Reimbursed $134.00/ha)

LICENSE - QUEENS-CHARLOTTE

TABLE VI-4 - CONE COLLECTION

LOCATION	SPECIES	VOLUME OF CONES (Litres)	COST PER LITRE	TOTAL COST	SILVICULTURE TREATMENT NUMBER
Salmon River	bS	5 636	2.27	12 814	306 1438 86SC
SUMMARY		5 636	$2.27	$12 814	

LICENSE - FUNDY

TABLE VII-1 - PLANTING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Shaw Brook	PP	93.80	361	33 862	JP	Chains '86	2 169	203 000	307 0059 86BP
Shaw Brook	PP	7.80	361	2 816	bS	Chains '86	2 240	17 000	307 0059 86BP
S. Pollet River	PP	20.50	361	7 400	bS	Chains '85	2 193	45 000	307 0112 86BP
New Ireland	PP	12.50	343	4 287	nS	Chains '85	1 875	23 000	307 0112 86BP
S. Pollet River	PP	9.20	361	3 321	bS	Chains '85	2 090	19 000	307 0112 86BP
Broad River	BR	47.30	353	16 706	wS	Chains '85	1 812	86 000	307 0113 86BP
Haley Brook	PP	14.50	361	5 234	tL	Chains '85	2 214	32 000	307 0114 86BP
Haley Brook	PP	62.50	361	22 562	bS	Chains '85	2 190	137 000	307 0114 86BP
Haley Brook	PP	81.00	361	29 241	bS	Chains '85	2 110	171 000	307 0114 86BP
Marrtown	PP	2.20	361	794	JP	Chains '85	2 174	5 000	307 0122 86BP
Marrtown	PP	51.50	361	18 592	JP	Chains '84	2 209	114 000	307 0123 86BP
New Ireland	PP	9.30	361	3 357	nS	Chains '85	2 273	21 000	307 0214 86BP
New Ireland	PP	72.80	361	26 281	bS	Chains '85	2 245	163 000	307 0214 86BP
New Ireland	BR	21.60	381	8 230	wS	Chains '85	2 185	47 000	307 0214 86BP
New Ireland	PP	8.80	361	3 177	bS	Chains '85	2 097	18 000	307 0214 86BP
N. Mary Pitcher L.	PP	51.10	361	18 447	bS	Chains '85	2 142	109 000	307 0377 86BP
Pine Lake	PP	109.20	361	39 421	nS	Chains '86	2 206	241 000	307 0647 86BP
Pine Lake	PP	17.40	361	6 281	bS	Chains '86	2 238	39 000	307 0647 86BP
N. Niles Bk.	PP	8.80	361	3 177	bS	Chains	2 275	20 000	407 0202 86BP
N. of Reid Bk.	PP	43.00	361	15 523	bS	Chains	2 300	99 000	407 0290 86BP
N. of Reid Bk.	PP	2.80	250	700	bS	Chains	850	2 000	407 0290 86BP
Reid Bk.	PP	51.80	361	18 700	bS	Chains	2 270	118 000	407 0290 86BP
Anderson Road	PP	22.20	361	8 014	JP	Chains	2 250	50 000	407 0292 86BP
Anderson Road	PP	8.00	361	2 888	bS	Chains	2 195	18 000	407 0292 86BP
Niles Bk.	PP	64.30	361	23 212	bS	No Site Prep.	2 240	144 000	407 0302 86BP

LICENSE - FUNDY

TABLE VII-1 - PLANTING (Continued)

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Anderson Road	PP	105.59	361	38 118	JP	Chains	2 200	232 000	407 0303 86BP
Anderson Road	PP	4.60	361	1 661	bS	Chains	2 195	10 000	407 0303 86BP
McCallum Bk.	PP	29.20	361	10 541	JP	Chains	2 280	67 000	407 0705 86BP
McCallum Bk.	PP	44.80	361	16 173	bS	Chains	2 280	102 000	407 0705 86BP
SUMMARY		1 078.09	$361	$388 716			2 182	2 352 000	

LICENSE - FUNDY

TABLE VII-2 PRE-COMMERICAL THINNING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
Cranberry Lake	Pre-Commercial	29.20	500	14 600	307 9400 86BT
Cranberry Lake	Pre-Commercial	11.90	656	7 806	307 9400 86BT
Cranberry Lake	Pre-Commercial	11.60	288	3 341	307 9400 86BT
Cranberry Lake	Pre-Commercial	20.60	375	7 725	307 9400 86BT
Cranberry Lake	Pre-Commercial	16.70	500	8 350	307 9400 86BT
Cranberry Lake	Pre-Commercial	29.60	656	19 418	307 9400 86BT
Cranberry Lake	Pre-Commercial	5.20	656	3 411	307 9400 86BT
Cranberry Lake	Pre-Commercial	0.70	500	350	307 9400 86BT
Buckley Road	Pre-Commercial	36.90	656	24 206	307 9401 86BT
Buckley Road	Pre-Commercial	3.30	375	1 238	307 9401 86BT
Buckley Road	Pre-Commercial	5.50	656	3 608	307 9401 86BT
Buckley Road	Pre-Commercial	9.90	656	6 494	307 9401 86BT
Buckley Road	Pre-Commercial	24.70	656	16 203	307 9401 86BT
Buckley Road	Pre-Commercial	7.70	375	2 888	307 9401 86BT
Buckley Road	Pre-Commercial	13.80	288	3 974	307 9401 86BT
Buckley Road	Pre-Commercial	9.00	288	2 592	307 9401 86BT
Buckley Rd. Loop	Pre-Commercial	27.80	500	13 900	307 9404 86BT
Keanan Bk.	Pre-Commercial	30.50	656	20 008	307 9405 86BT
Keanan Bk.	Pre-Commercial	35.80	656	23 485	307 9405 86BT
Keanan Bk.	Pre-Commercial	14.30	375	5 362	307 9405 86BT
Pleasant L.	Pre-Commercial	3.30	656	2 165	307 9700 86BT
Pleasant L.	Pre-Commercial	3.20	656	2 099	307 9700 86BT
Pleasant L.	Pre-Commercial	9.80	656	6 429	307 9700 86BT
Pleasant L.	Pre-Commercial	11.30	375	4 238	307 9700 86BT
Kennedy L.	Pre-Commercial	4.10	656	2 690	307 9750 86BT
Kennedy L.	Pre-Commercial	7.65	500	3 825	307 9750 86BT
Kennedy L.	Pre-Commercial	12.80	656	8 397	307 9750 86BT
Kennedy L.	Pre-Commercial	6.80	375	2 550	307 9750 86BT
Pine Valley	Pre-Commercial	5.70	656	3 739	307 9800 86BT

LICENSE - FUNDY

TABLE VII-2 PRE-COMMERICAL THINNING (Continued)

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
Pine Valley	Pre-Commercial	6.90	375	2 588	307 9801 86BT
Pine Valley	Pre-Commercial	4.10	656	2 690	307 9802 86BT
Marrtown	Pre-Commercial	38.90	656	25 518	307 9803 86BT
Marrtown	Pre-Commercial	17.00	375	6 375	307 9804 86BT
SUMMARY		476.25	$551	$262 262	

TABLE VII-3 - HERBICIDING

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Crooked Brook	Plantation Tending	24	134	3 216	Roundup	3.0	307 0005 86BH*
Goose Creek	Plantation Tending	48	165	7 920	Roundup	4.2	307 0008 86BH
Four Mile Bk.	Plantation Tending	65	135	8 775	Roundup	4.2	307 0012 86BH
Goose Creek	Plantation Tending	147	165	24 255	Roundup	4.2	307 0066 86BH
Four Mile Bk.	Plantation Tending	110	135	14 850	Roundup	4.2	307 0077 86BH
Shepody Road	Plantation Tending	585	130	76 050	Roundup	4.2	307 9768 86BH
Square Lake	Plantation Tending	30	106	3 180	Roundup	4.2	307 9770 86BH
Donegal	Plantation Tending	110	160	17 600	Roundup	4.2	307 9772 86BH
Morrison Brook	Plantation Tending	85	134	11 390	Roundup	3.0	307 9774 86BH*
Morrison Brook	Plantation Tending	103	134	13 802	Roundup	3.0	307 9775 86BH*
Shepody Road	Plantation Tending	88	130	11 440	Roundup	4.2	307 9777 86BH
Shepody Road	Plantation Tending	10	130	1 300	Roundup	4.2	307 9780 86BH
Goose Creek	Plantation Tending	27	165	4 455	Roundup	4.2	307 9781 86BH
Bonnell Brook	Plantation Tending	173	144	24 912	Roundup	4.2	307 9786 86BH
Livingston Lake	Plantation Tending	29	154	4 466	Roundup	4.2	307 9792 86BH
Square Lake	Plantation Tending	226	106	23 956	Roundup	4.2	307 9793 86BH
Alward Burn	Plantation Tending	45	134	6 030	Roundup	3.0	307 9796 86BH*
Donegal	Plantation Tending	64	160	10 240	Roundup	4.2	307 9798 86BH
Spring Brook	Plantation Tending	121	134	16 214	Roundup	3.0	307 9799 86BH*

LICENSE - FUNDY

TABLE VII-3 - HERBICIDING (Continued)

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Goose Creek	Plantation Tending	80	165	13 200	Roundup	4.2	307 9889 86BH
Sproule	Plantation Tending	90	174	15 660	Roundup	4.2	307 9989 86BH
McGivney	Plantation Tending	5	148	740	Roundup	4.2	407 0106 86BH
Clare Brook	Plantation Tending	20	150	3 000	Roundup	4.2	407 9964 86BH
S. McCallum Bk.	Plantation Tending	91	151	13 741	Roundup	4.2	407 9966 86BH
McGivney	Plantation Tending	75	148	11 100	Roundup	4.2	407 9967 86BH
McGivney	Plantation Tending	43	148	6 364	Roundup	4.2	407 9969 86BH
SUMMARY		2 494	$139	$347 856			

* DNRE Using Spray Volume 37.4 Litres Per Hectare @ 4.2 L/Ha of Chemical
Irving Using Spray Volume 46.7 Litres Per Hectare @ 3.0 L/Ha of Chemical (Reimbursed $134.00/Ha)

TABLE VII-4 - CONE COLLECTION

LOCATION	SPECIES	VOLUME OF CONES (Litres)	COST PER LITRE	TOTAL COST	SILVICULTURE TREATMENT NUMBER
Tamarack Bk.	bS	1 279	1.62	2 072	407 0405 86SC
Glencoe	bS	5 085	1.62	8 234	407 0407 86SC
Napadogan	bS	654	1.62	1 059	407 FREE 86SC*
SUMMARY		7 018	$1.62	$11 365	

* Cones Collected on NBIP Freehold Plantation.

LICENSE - YORK

TABLE VIII-1 - PLANTING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Red Rock	PP	18.60	363	6 752	JP	Drag Chains	2 250	42 000	408 0011 86BP
Mactaquac	PP	8.90	363	3 231	JP	No Site Prep.	2 250	20 000	408 0014 86BP
Lyons Stream	PP	82.00	363	29 766	JP	Drag Chains	2 150	176 000	408 0029 86BP
Lake Hill	BR	40.00	383	15 320	wS	Drag Chains	2 120	85 000	408 0061 86BP
Lake Hill	PP	56.00	363	20 328	bS	Drag Chains	2 120	119 000	408 0061 86BP
Lake Hill	PP	92.00	363	33 396	bS,rP	Drag Chains	2 180	201 000	408 0062 86BP
Big Brook	PP	141.00	363	51 183	bS,L	Drag Chains	2 120	299 000	408 0064 86BP
Red Rock	PP	54.20	363	19 675	JP	Drag Chains	2 220	120 000	408 0087 86BP
Red Rock	PP	55.20	363	20 038	JP	Drag Chains	2 200	121 000	408 0088 86BP
Millville Dump	PP	42.51	363	15 431	bS	Drag Chains	2 350	100 000	408 0089 86BP
Grand John	PP	161.80	363	58 733	bS	Drag Chains	2 150	348 000	408 0107 86BP
SUMMARY		752.21	$364	$273 853			2 168	1 631 000	

LICENSE - YORK

TABLE VIII-2 PRE-COMMERICAL THINNING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
Crow Hill	Pre-Commercial	25.50	500	12 750	408 1011 86BT
Crow Hill	Pre-Commercial	54.10	656	35 490	408 1011 86BT
Crow Hil	Pre-Commercial	10.10	500	5 050	408 1011 86BT*
Crow Hill	Pre-Commercial	46.70	656	30 635	408 1011 86BT*
Lake Hill	Pre-Commercial	26.10	500	13 050	408 1019 86BT*
Lake Hill	Pre-Commercial	42.10	375	15 788	408 1019 86BT*
Lake Hill	Pre-Commercial	7.60	375	2 850	408 1020 86BT*
Lake Hill	Pre-Commercial	73.10	500	36 550	408 1020 86BT*
Lake Hill	Pre-Commercial	83.90	500	41 950	408 1021 86BT*
Lily Lake	Pre-Commercial	53.10	656	34 834	408 1032 86BT*
Lily Lake	Pre-Commercial	4.60	500	2 300	408 1032 86BT*
Prince William	Pre-Commercial	32.00	656	20 992	408 1044 86BT
	Total Hardwood	347.30	$527	$183 007	
	Total Softwood	111.60	$620	$ 69 232	
SUMMARY		458.90	$550	$252 239	

* Hardwood Thinning - Not Basic Silviculture

TABLE VIII-3 - HERBICIDING

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Nackawic Stream	Plantation Tending	38	175	6 650	Roundup	4.2	408 0003 86BH
Nackawic Stream	Plantation Tending	104	175	18 200	Roundup	4.2	408 0004 86BH
Rocky Brook Lake	Plantation Tending	85	158	13 430	Roundup	4.2	408 0006 86BH
Rocky Brook Lake	Plantation Tending	66	158	10 428	Roundup	4.2	408 0007 86BH
Rocky Brook Lake	Plantaiton Tending	31	158	4 898	Roundup	4.2	408 0008 86BH

LICENSE - YORK

TABLE VIII-3 - HERBICIDING (Continued)

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Napadogan Brook	Plantation Tending	146	135	19 710	Roundup	3.7	408 0009 86BH
Grand John Bk.	Plantation Tending	85	132	11 220	Roundup	3.7	408 0010 86BH
Mactaquac Stream	Plantation Tending	64	129	8 256	Roundup	4.2	408 0013 86BH
Mactaquac Stream	Plantation Tending	82	129	10 578	Roundup	4.2	408 0014 86BH
Lower Lake	Plantation Tending	100	126	12 600	Roundup	3.7	408 1000 86BH
Napadogan Brook	Plantation Tending	105	135	14 175	Roundup	3.7	408 1003 86BH
SUMMARY		906	$144	$130 145			

LICENSE - CARLETON

TABLE IX-1 - PLANTING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Mavis	PP	124.00	363	45 012	JP,bS,tL	Chains	2 109	262 000	409 0035 868P
Nashwaak	PP	52.60	363	19 094	nS,bS	Chains	2 128	112 000	409 0039 868P
Four Mile Brook	PP	117.00	363	42 471	JP	Chains	2 103	246 000	409 0041 868P
Clearwater	PP	74.56	363	27 065	bS	Chains	2 110	157 000	409 0043 868P
Juniper	BR	23.50	383	9 000	wS	Chains	2 140	50 000	409 0136 868P
Juniper	PP	77.86	363	28 263	JP,rP,bS	Chains	2 153	168 000	409 0136 868P
SUMMARY		469.52	$364	$170 905			2 119	995 000	

LICENSE - CARLETON

TABLE IX-2 - PRE-COMMERCIAL THINNING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
Harrington Woods	Pre-Commercial	0.30	656	197	409 0142 86BT
Teague Brook	Pre-Commercial	6.20	656	4 067	409 0142 86BT
Teague Brook	Pre-Commercial	14.30	500	7 150	409 0142 86BT
Teague Brook	Pre-Commercial	3.60	656	2 362	409 0142 86BT
Teague Brook	Pre-Commercial	5.10	656	3 346	409 0143 86BT
Foreston	Pre-Commercial	17.60	656	11 546	409 0143 86BT
Foreston-N. Ridge	Pre-Commercial	4.30	656	2 821	409 0143 86BT
Foreston-N. Ridge	Pre-Commercial	10.40	656	6 822	
SUMMARY	Pre-Commercial	61.80	$620	$38 311	

TABLE IX-3 - HERBICIDING

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
McGivney Brook	Plantation Tending	88	132	11 616	Roundup	4.2	409 0009 86BH
Nashwaak Lake	Plantation Tending	90	111	9 990	Roundup	4.2	409 0010 86BH
Nashwaak Lake	Plantation Tending	58	111	6 438	Roundup	4.2	409 0011 86BH
Nashwaak Lake	Plantation Tending	95	111	10 545	Roundup	4.2	409 0012 86BH
Nashwaak Lake	Plantation Tending	104	111	11 544	Roundup	4.2	409 0021 86BH
McLean Brook	Plantation Tending	107	122	13 054	Roundup	4.2	409 0023 86BH
McGivney Brook	Plantation Tending	18	132	2 376	Roundup	4.2	409 0024 86BH
McGivney Brook	Plantation Tending	156	132	20 592	Roundup	4.2	409 0034 86BH
Becaguimac Str.	Plantation Tending	71	162	11 502	Roundup	4.2	409 0144 86BH
McDonald Brook	Plantation Tending	34	154	5 236	Roundup	4.2	409 0145 86BH
Blowdown Brook	Plantation Tending	95	126	11 970	Roundup	4.2	409 9005 86BH
SUMMARY		916	$125	$114 863			

LICENSE - RESTIGOUCHE-TOBIQUE

TABLE X-1 - PLANTING

LOCATION	TYPE*	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
South Br. Tracy	PP	70.40	347	24 429	bS	Disc Trencher	2 182	154 000	110 0262 86BP
South Br. Tracy	PP	67.70	347	23 492	bS	Disc Trencher	2 063	140 000	110 0263 86BP
South Br. Tracy	PP	90.10	347	31 265	bS	Disc Trencher	2 135	192 000	110 0264 86BP
Whalens Gulch	PP	69.60	347	24 151	bS	Humus Planting	2 098	146 000	110 0273 86BP
Whalens Gulch	PP	19.60	347	6 801	bS	Humus Planting	2 227	44 000	110 0274 86BP
Upper Four Mile Bk.	PP	44.70	347	15 511	bS	Disc Trencher	2 348	105 000	110 0280 86BP
N. Br. Tracy Bk.	CA3	82.80	316	26 146	bS	Disc Trencher	1 768	146 000	110 0281 86BP
N. Br. Tracy Bk.	PP	25.70	337	8 650	bS	Disc Trencher	1 918	49 000	110 0282 86BP
S. Br. Tracy Bk.	PP	20.90	347	7 252	wS	Disc Trencher	2 188	46 000	110 0283 86BP
Falls Brook	PP	31.70	347	11 000	bS	Disc Trencher	2 133	68 000	110 0284 86BP
Falls Brook	PP	25.30	347	8 779	bS	Disc Trencher	2 000	51 000	110 0285 86BP
Falls Brook	PP	42.40	347	14 713	bS	Disc Trencher	2 023	86 000	110 0286 86BP
Falls Brook	PP	13.00	347	4 511	bS	Disc Trencher	2 093	27 000	110 0287 86BP
Two Mile Brook	PP	24.40	347	8 467	bS	Disc Trencher	2 053	50 000	110 0288 86BP
Big Cedar	BR	26.35	360	9 481	wS	C & H Plow	1 948	51 000	510 0220 86BP
Big Cedar	BR	45.57	368	16 770	wS	C & H Plow	2 057	94 000	510 0221 86BP
Big Cedar	BR	13.15	368	4 839	wS	C & H Plow	2 289	30 000	510 0222 86BP
Big Cedar	BR	7.30	352	2 569	wS	C & H Plow	1 891	14 000	510 0223 86BP
Clearwater	PP	87.98	333	29 317	JP	C & H Plow	1 901	167 000	510 0224 86BP
Big Cedar	PP	65.50	347	22 728	bS	C & H Plow	2 132	140 000	510 0225 86BP
Big Cedar	BR	32.06	368	11 798	wS	C & H Plow	2 132	68 000	510 0226 86BP
Big Cedar	PP	32.21	347	11 177	bS	C & H Plow	2 281	73 000	510 0227 86BP
Big Cedar	PP	4.35	339	1 475	bS	C & H Plow	1 947	8 000	510 0228 86BP
Big Cedar	BR	8.85	360	3 183	wS	C & H Plow	1 947	17 000	510 0229 86BP
Big Cedar	PP	12.55	347	4 355	bS	C & H Plow	2 083	26 000	510 0230 86BP
Tom Pond	PP	2.44	347	847	JP	Disc Trencher	2 075	5 000	510 0231 86BP
Tom Pond	PP	11.83	319	3 770	JP	Disc Trencher	1 788	21 000	510 0232 86BP
Tom Pond	PP	63.36	343	21 706	JP	Disc Trencher	1 974	125 000	510 0233 86BP
Tom Pond	PP	9.13	347	3 168	JP	Disc Trencher	2 038	19 000	510 0234 86BP
Tom Pond	PP	3.56	347	1 235	JP	Disc Trencher	2 038	7 000	510 0235 86BP
Tom Pond	PP	8.56	307	2 625	bS	Disc Trencher	1 694	15 000	510 0236 86BP
S. Br. Kedgwick	PP	36.32	347	12 603	bS	C & H Plow	2 023	73 000	510 0237 86BP

LICENSE - RESTIGOUCHE-TOBIQUE

TABLE X-1 - PLANTING (Continued)

LOCATION	TYPE*	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Indian Brook	PP	36.03	347	12 502	bS	Disc Trencher	2 014	73 000	510 0238 868P
Tom Pond	PP	36.92	336	12 408	JP	Disc Trencher	1 923	71 000	510 0239 868P
Tom Pond	PP	17.28	336	5 807	bS	Disc Trencher	1 923	33 000	510 0240 868P
Pat Brook	PP	27.57	347	9 567	bS	C & H Plow	2 067	57 000	510 0241 868P
Jardine Brook	PP	57.70	347	20 022	bS,nS	Disc Trencher	2 194	127 000	510 0242 868P
Clearwater	CA3	9.61	336	3 226	bS	C & H Plow	1 920	18 000	510 0243 868P
Clearwater	PP	19.29	336	6 475	bS	C & H Plow	1 920	37 000	510 0244 868P
Foggs Brook	PP	51.07	347	17 721	bS	Disc Trencher	2 024	103 000	510 0245 868P
Old Shanty Gulch	PP	32.02	322	10 296	bS	Disc Trencher	1 810	58 000	510 0246 868P
Foggs Brook	PP	17.71	347	6 145	bS	Disc Trencher	2 206	39 000	510 0247 868P
Foggs Brook	PP	51.33	347	17 812	bS	Disc Trencher	2 090	107 000	510 0248 868P
Moose Valley Bk.	PP	9.38	347	3 255	L	C & H Plow	2 000	19 000	510 0249 868P
Moose Valley Bk.	PP	16.33	337	5 497	L	C & H Plow	1 956	32 000	510 0250 868P
Moose Valley Bk.	PP	62.80	338	21 201	L	C & H Plow	1 935	122 000	510 0251 868P
Big Brook	PP	23.51	347	8 158	L	Disc Trencher	2 089	49 000	510 0252 868P
Big Brook	PP	13.14	347	4 560	bS	Disc Trencher	2 089	27 000	510 0253 868P
W. Br. Union Brook	CA1	4.00	347	1 388	bS	Disc Trencher	2 083	8 000	510 0254 868P
Charny Brook	PP	65.30	347	22 659	bS	C & H Plow	2 080	136 000	510 0255 868P
Four Miles	PP	45.22	347	15 691	bS	Disc Trencher	2 369	107 000	510 0256 868P
Isreal Brook	PP	69.35	325	22 568	bS	Disc Trencher	1 840	128 000	510 0257 868P
Big Cedar Brook	PP	6.11	338	2 063	bS	Disc Trencher	1 935	12 000	510 0258 868P
Rest.-Tobique	PP	120.24	325	39 095	bS	C & H Plow	1 838	221 000	510 0259 868P
Rest.-Tobique	PP	60.40	347	20 959	bS	Bracke	2 152	130 000	510 0260 868P
Rest.-Tobique	PP	95.86	342	32 745	bS	Disc Trencher	1 966	188 000	510 0261 868P
Big Cedar Bk.	PP	89.24	347	30 966	bS	Disc Trencher	2 115	189 000	510 0265 868P
Big Cedar Bk.	PP	9.07	347	3 147	bS	Disc Trencher	2 210	20 000	510 0266 868P
Big Cedar Bk.	PP	32.19	347	11 170	bS	Disc Trencher	2 210	71 000	510 0267 868P
Five Mile Bk.	PP	46.13	347	16 007	bS	Disc Trencher	2 131	98 000	510 0268 868P

LICENSE - RESTIGOUCHE-TOBIQUE

TABLE X-1 - PLANTING (Continued)

LOCATION	TYPE*	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SPECIES	SCARIFICATION	AVG. NUMBER OF SEEDLINGS PER HECTARE	TOTAL NUMBER OF SEEDLINGS (to nearest thousand)	SILVICULTURE TREATMENT NUMBER
Seven Mile Bk.	PP	57.46	343	19 696	bS	Disc Trencher	1 975	113 000	510 0269 86BP
Seven Mile Bk.	PP	34.05	347	11 815	bS	Disc Trencher	2 228	76 000	510 0270 86BP
Eighteen Mile Gulch	PP	21.32	336	7 162	bS	Bracke	1 922	41 000	510 0271 86BP
Mud Lake	PP	16.02	347	5 559	bS	Disc Trencher	2 156	35 000	510 0272 86BP
Indian Gulch	CA3	55.20	334	18 430	bS	Humus Planting	1 906	105 000	510 0275 86BP
Indian Gulch	PP	41.90	347	14 539	bS	Humus Planting	2 153	90 000	510 0276 86BP
Eighteen Mile Gulch	PP	34.04	347	11 812	bS	Bracke	2 242	76 000	510 0277 86BP
Lac de Vase	PP	14.93	347	5 181	bS	C & H Plow	2 132	32 000	510 0278 86BP
Lac de Vase	COM	10.82	347	3 755	bS	C & H Plow	2 119	23 000	510 0279 86BP
Greer Lake	PP	20.50	308	6 323	JP	Bracke	1 708	35 000	510 5015 86BP
McKeen Brook	PP	12.50	337	4 215	JP	C & H Plow	1 932	24 000	510 5016 86BP
McKeen Brook	PP	18.70	330	6 169	JP	C & H Plow	1 875	35 000	510 5017 86BP
McKeen Brook	PP	1.30	324	421	JP	C & H Plow	1 830	2 000	510 5018 86BP
McKeen Brook	PP	6.30	324	2 042	bS	C & H Plow	1 830	12 000	510 5019 86BP
Restigouche	PP	4.25	347	1 475	rP	C & H Plow	2 018	9 000	510 5020 86BP
Restigouche	PP	14.28	329	4 700	rP	C & H Plow	1 869	27 000	510 5021 86BP
Restigouche	PP	10.40	329	3 423	L	C & H Plow	1 869	19 000	510 5022 86BP
Tower Hill	PP	2.94	337	990	L	C & H Plow	1 929	6 000	510 5023 86BP
Tower Hill	PP	1.40	337	472	L	C & H Plow	1 929	3 000	510 5024 86BP
Belanger Campsite	PP	64.05	330	21 132	bS	C & H Plow	1 875	120 000	510 5025 86BP
Belanger Campsite	PP	1.24	340	422	bS	C & H Plow	1 953	2 000	510 5026 86BP
Belanger Campsite	PP	3.25	340	1 105	L	C & H Plow	1 953	6 000	510 5027 86BP
McKeen Brook	CA3	70.21	309	21 676	bS	Bracke	1 710	120 000	510 5028 86BP
Greer Lake	CA3	16.41	347	5 694	bS	Bracke	2 071	34 000	510 5029 86BP
Greer Lake	PP	10.97	335	3 670	bS	Bracke	1 911	21 000	510 5030 86BP
Anvil Brook	CA3	19.38	327	6 331	bS	Manual	1 850	36 000	510 5031 86BP
SUMMARY		2 787.99	$341	$950 132			2 023	5 639 000	

* CA3 - CAN AM 3
COM - COMBICELL
CA1 - CAN AM 1

LICENSE - RESTIGOUCHE-TOBIQUE

TABLE X-2 PRE-COMMERICAL THINNING

LOCATION	TYPE	AREA (ha)	COST PER HECTARE	REIMBURSEMENT TO LICENSEE	SILVICULTURE TREATMENT NUMBER
States Brook	Pre-Commercial	50.89	375	19 084	510 0082 86BT
States Brook	Pre-Commercial	20.20	500	10 100	510 0083 86BT
SUMMARY		71.09	$411	$29 184	

TABLE X-3 - HERBICIDING

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Indian Brook	Plantation Tending	125	171	21 375	Roundup	4.2	510 0111 86BH
Indian Brook	Plantation Tending	40	171	6 840	Roundup	4.2	510 0112 86BH
Portage Brook	Plantation Tending	31	164	5 084	Roundup	4.2	510 0113 86BH
Portage Brook	Plantation Tending	25	164	4 100	Roundup	4.2	510 0114 86BH
Baines Reef Gulch	Plantation Tending	77	169	13 013	Roundup	4.2	510 0115 86BH
Baines Reef Gulch	Plantation Tending	8	169	1 352	Roundup	4.2	510 0116 86BH
Baines Reef Gulch	Plantation Tending	60	169	10 140	Roundup	4.2	510 0117 86BH
Baines Reef Gulch	Plantation Tending	34	169	5 746	Roundup	4.2	510 0118 86BH
Portage Brook	Plantation Tending	6	164	984	Roundup	4.2	510 0121 86BH
Clearwater Lk. Bk.	Plantation Tending	29	175	5 075	Roundup	4.9	510 0132 86BH
Clearwater Lk. Bk.	Plantation Tending	80	175	14 000	Roundup	4.9	510 0133 86BH
Clearwater Lk. Bk.	Plantation Tending	83	175	14 525	Roundup	4.9	510 0134 86BH
Camp 68	Plantation Tending	161	164	26 404	Roundup	4.9	510 0138 86BH
McLaughlin Bk.	Plantation Tending	16	183	2 928	Roundup	4.9	510 0139 86BH
Camp 68	Plantation Tending	74	164	12 136	Roundup	4.9	510 0140 86BH
Camp 68	Plantation Tending	42	164	6 888	Roundup	4.9	510 0141 86BH
McLaughlin Bk.	Plantation Tending	58	183	10 614	Roundup	4.9	510 0142 86BH
Big Cedar Bk.	Plantation Tending	120	121	14 520	Roundup	4.2	510 0144 86BH
Gounamitz R.	Plantation Tending	45	178	8 010	Roundup	4.9	510 0147 86BH
Gounamitz R.	Plantation Tending	25	178	4 450	Roundup	4.9	510 0148 86BH

LICENSE - RESTIGOUCHE-TOBIQUE

TABLE X-3 - HERBICIDING (Continued)

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Gounamitz R.	Plantation Tending	66	178	11 748	Roundup	4.9	510 0149 86BH
Gounamitz R.	Plantation Tending	50	178	8 900	Roundup	4.9	510 0150 86BH
Gounamitz R.	Plantation Tending	21	178	3 738	Roundup	4.9	510 0151 86BH
Big Cedar Bk.	Plantation Tending	107	121	12 947	Roundup	4.2	510 0154 86BH
Quisbis R.	Plantation Tending	26	141	3 666	Roundup	4.2	510 0160 86BH
Quisbis R.	Plantation Tending	40	141	5 640	Roundup	4.2	510 0161 86BH
Richards BrooK	Plantation Tending	14	159	2 226	Roundup	4.2	510 0168 86BH
Richards Brook	Plantation Tending	26	159	4 134	Roundup	4.2	510 0169 86BH
Richards Brook	Plantation Tending	8	159	1 272	Roundup	4.2	510 0170 86BH
Richards Brook	Plantation Tending	33	167	5 511	Roundup	4.9	510 0171 86BH
Richards Brook	Plantation Tending	12	159	1 908	Roundup	4.2	510 0174 86BH
Richards Brook	Plantation Tending	25	159	3 975	Roundup	4.2	510 0176 86BH
Richards Brook	Plantation Tending	26	159	4 134	Roundup	4.2	510 0180 86BH
Richards Brook	Plantation Tending	9	159	1 431	Roundup	4.2	510 0182 86BH
Richards Brook	Plantation Tending	26	167	4 342	Roundup	4.9	510 0183 86BH
McFarlane	Plantation Tending	31	173	5 363	Roundup	4.9	510 0186 86BH
McLaughlin Brook	Plantation Tending	18	183	3 294	Roundup	4.9	510 0190 86BH
Camp 68	Plantation Tending	43	164	7 052	Roundup	4.9	510 0196 86BH
Camp 68	Plantation Tending	90	164	14 760	Roundup	4.9	510 0197 86BH
McLaughlin Brook	Plantation Tending	29	183	5 307	Roundup	4.9	510 0199 86BH
McLaughlin Brook	Plantation Tending	5	183	915	Roundup	4.9	510 0200 86BH
Thibodeau River	Plantation Tending	27	182	4 914	Roundup	4.9	510 0201 86BH
Thibodeau River	Plantation Tending	35	182	6 370	Roundup	4.9	510 0202 86BH
Thibodeau River	Plantation Tending	19	182	3 458	Roundup	4.9	510 0203 86BH
McFarlane	Plantation Tending	39	173	6 747	Roundup	4.9	510 0206 86BH
Gounamitz River	Plantation Tending	95	178	16 910	Roundup	4.9	510 0208 86BH
Gounamitz River	Plantation Tending	28	178	4 984	Roundup	4.9	510 0210 86BH
Camp 68	Plantation Tending	27	164	4 428	Roundup	4.9	510 0211 86BH
Camp 68	Plantation Tending	110	164	18 040	Roundup	4.9	510 0214 86BH
Moose Valley	Plantation Tending	95	164	15 580	Roundup	4.2	510 0215 86BH
Camp 68	Plantation Tending	24	164	3 936	Roundup	4.9	510 0220 86BH
Camp 68	Plantation Tending	21	164	3 444	Roundup	4.9	510 0224 86BH
Camp 68	Plantation Tending	41	164	6 724	Roundup	4.9	510 0225 86BH

LICENSE - RESTIGOUCHE-TOBIQUE

TABLE X-3 - HERBICIDING (Continued)

LOCATION	PURPOSE	AREA (ha)	COST PER HECTARE	TOTAL COST	CHEMICAL	RATE L/ha	SILVICULTURE TREATMENT NUMBER
Gounamitz River	Plantation Tending	52	178	9 256	Roundup	4.9	510 0229 86BH
Gounamitz River	Plantation Tending	86	178	15 308	Roundup	4.9	510 0230 86BH
Gounamitz River	Plantation Tending	100	178	17 800	Roundup	4.9	510 0231 86BH
Restigouche River	Plantation Tending	17	169	2 873	Roundup	4.2	510 0233 86BH
Gounamitz River	Plantation Tending	23	178	4 094	Roundup	4.9	510 0236 86BH
Four Mile Brook	Plantation Tending	35	129	4 515	Roundup	4.5	510 0500 86BH
Bubar Brook	Plantation Tending	52	153	7 956	Roundup	4.5	510 0501 86BH
McKeen Brook	Plantation Tending	47	144	6 768	Roundup	4.5	510 0506 86BH
McKeen Brook	Plantation Tending	46	144	6 624	Roundup	4.5	510 0507 86BH
McKeen Brook	Plantation Tending	35	144	5 040	Roundup	4.5	510 0509 86BH
McKeen Brook	Natural Release	30	144	4 320	Roundup	4.5	510 0510 86RH
Serpentine Lake	Plantation Tending	26	145	3 770	Roundup	4.5	510 0511 86BH
Serpentine Lake	Plantation Tending	64	149	9 536	Roundup	4.5	510 0512 86BH
Four Mile Brook	Natural Release	98	129	12 642	Roundup	4.5	510 5000 86RH
SUMMARY		2 988*	$162	$506 484			

* Total does not include 128 ha of area sprayed for Natural Release

LICENSE - RESTIGOUCHE-TOBIQUE

TABLE X-4 - CONE COLLECTION

LOCATION	SPECIES	VOLUME OF CONES (Litres)	COST PER LITRE	TOTAL COST	SILVICULTURE TREATMENT NUMBER
Frousers Lake	bS	2 545	1.63	4 143	510 FREE 86SC*
SUMMARY		2 545	$1.63	$4 143	

* - Cones collected on Frasers Freehold

TABLE XI

SEEDLINGS SHIPPED FOR PLANTING ON CROWN LAND 1986

LICENSE	NO. OF TREES*	% BR	% CONT	% JP			% bS			% wS			% Other		
				BR	CONT	TOTAL	BR	CONT	TOTAL	BR	CONT	TOTAL	BR	CONT	TOTAL
Upsalquitch	4 155	4.4	95.6	-	10.3	10.3	-	83.1	83.1	4.4	-	4.4	-	2.2	2.2
Nepisiguit	314	-	100	-	1.9	1.9	-	55.7	55.7	-	-	-	-	42.4	42.4
Lower Miramichi	2 749†	15.3	84.7	15.3	24.2	39.5	-	52.8	52.8	-	0.3	0.3	-	7.4	7.4
Upper Miramichi	3 172	8.2	91.8	1.9	36.0	37.9	-	50.1	50.1	6.3	-	6.3	-	5.7	5.7
Kent	326	-	100	-	29.7	29.7	-	43.6	43.6	-	-	-	-	26.7	26.7
Queens-Charlotte	5 953	13.0	87.0	10.1	36.4	46.5	-	46.2	46.2	3.0	0.7	3.7	-	3.6	3.6
Fundy	2 501	7.0	93.0	-	28.9	28.9	-	51	51	7.0	-	7.0	-	13.1	13.1
York	1 663	5.0	95.0	-	28.7	28.7	-	60.1	60.1	5.1	-	5.1	-	6.1	6.1
Carleton	1 009	5.0	95.0	-	43.5	43.5	-	36.8	36.8	5.0	-	5.0	-	14.7	14.7
Rest.-Tobique	6 341	4.7	95.3	-	9.5	9.5	-	78.9	78.9	4.7	0.6	5.3	-	6.3	6.3
TOTAL	28 183	6.3	93.7	2.7	24.9	27.6	-	55.8	55.8	3.6	0.2	3.8	-	12.8	12.8

* Thousands

† Total includes 976 000 container seedlings which went to DNRE Fire.

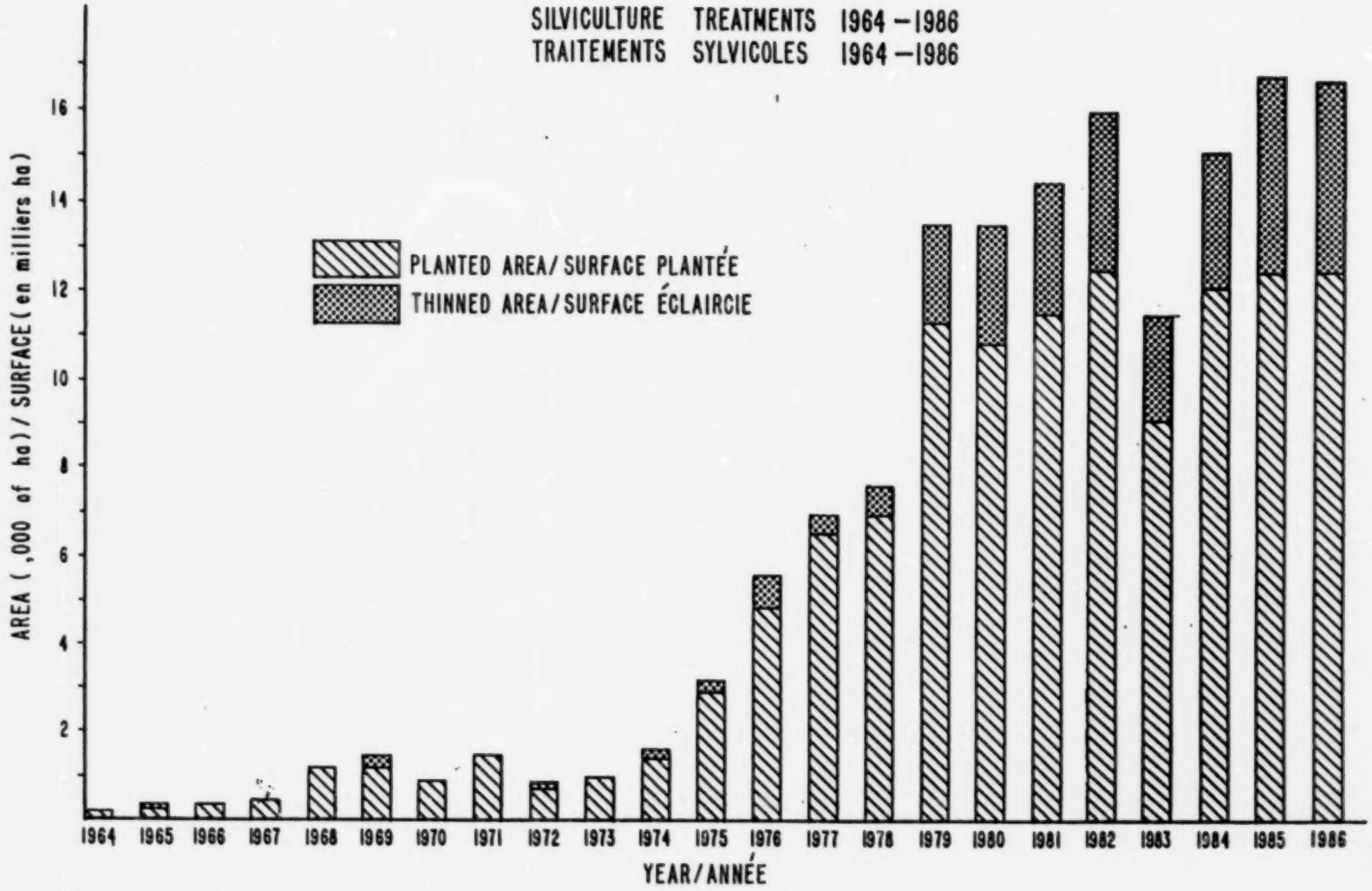
SILVICULTURE TREATMENTS 1964 – 1986
TRAITEMENTS SYLVICOLES 1964 – 1986
PLANTED AREA / SURFACE PLANTÉE
THINNED AREA / SURFACE ÉCLAIRCIE
AREA (,000 of ha) / SURFACE (en milliers ha)
2
4
6
8
10
12
14
16
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986
YEAR / ANNÉE

FIGURE I. Progress of Reforestation on Crown Lands In New Brunswick 1964–1986

FIGURE I. Progres de reboisement sur les terres de la Couronne du Nouveau-Brunswick 1964–1986

FIGURE 2

LICENSE BOUNDARIES

PROVINCE OF NEW BRUNSWICK

LIGNES DE DÉMARCATION DES CONCESSIONS

PROVINCE DU NOUVEAU-BRUNSWICK